

Gregory S. Hageman  
Application No.: 09/188,972  
Page 2

PATENT

2. (Amended) A recombinant or isolated nucleic acid comprising a sequence set forth in SEQ ID NO:1, 3 or 5.

-- 46. (New) The nucleic acid of claim 2, comprising the sequence set forth in SEQ ID NO:1.

47. (New) The nucleic acid of claim 2, comprising the sequence set forth in SEQ ID NO:3.

48. (New) The nucleic acid of claim 2, comprising the sequence set forth in SEQ ID NO:5.

49. (New) A recombinant or isolated nucleic acid comprising a sequence that is complementary to SEQ ID NO:1, 3 or 5.

50. (New) The nucleic acid of claim 49, comprising a sequence that is complementary to SEQ ID NO:1.

51. (New) The nucleic acid of claim 49, comprising a sequence that is complementary to SEQ ID NO:3.

52. (New) The nucleic acid of claim 49, comprising a sequence that is complementary to SEQ ID NO:5.

53. (New) A vector comprising a nucleic acid having the sequence set forth in SEQ ID NO: 1, 3, or 5.

54. (New) The vector of claim 53, where said nucleic acid is operably linked to a transcriptional regulatory sequence.

55. (New) A host cell transfected with the vector of claim 53.--